BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Detailed Estimate for the work of Providing Asphalting to Besthara bheedhi main road In ward No-02 of yelahanka Sub Division.

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2.2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification No. KBS 2.1(a) / 2.3.5 No. 5/ Item No 2.3/ PWD SR 2012-13	cum							
	for sanitary cuttings		1	250.00	1.50	0.15	56.25		
	for RCC drain		1	80.00	1.20	1.00	96.00		
							152.25	135.00	20553.75
	Basic Rate	125.00							
	Area Weightage @ 8%	10.00							
	Total	135.00							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M 100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2012-13)	cum							
			Vide Item No. 2				152.25	78.24	11911.00
	Basic Rate for loading and unloading	62.20							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	78.24							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRRB M400-17 Providing, laying spreading and compacting graded stones aggregate to wet mix macacam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed material upper to site, laying in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications MORTH specification NO 406, No 166/ Item No 20 18/ PWD SR 2012-13	cum							
	for sanitary cuttings		1	250.00	1.90	0.15	56.25		
	on either side of road edge		2	250.00	1.00	0.15	75.00		
							131.25	1059.48	139057.00
	Basic Rate	981.00							
	Area Weighage @ 8%	78.48							
	Total	1059.48							
4	KSRRB 600-2 Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5 No 171/ Item No 21.2/ PWD SR 2012-13	sqm							
	besthara bheedhi main road		1	250.00	5.50		1375.00		
							1375.00	2.38	3267.00
	Basic Rate	2.20							
	Area Weighage @ 8%	0.18							
	Total	2.38							
5	KSRRB M500-6 providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications MORTH specification NO 502 No 171/ Item No 21.5/ PWD SR 2011-12	sqm							
	besthara bheedhi main road		1	250.00	5.50		1375.00		

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							1375.00	39.64	54500.00
	Basic Rate	36.70							
	Area Weightage @ 8%	2.94							
	Total	39.64							
6	KSRRB M500-16: Providing and laying **semi dense bituminous** concrete 25mm thick with 100-120 TPH batch type HMP producing and average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.6 complete in all respects as per specifications. P. No. 174/ Item No. 21.21/ PWD SR 2011-12	cum							
	besthara bhoodhi main road		1	250.00	5.50	0.025	34.38		
							34.38	8208.00	282150.00
	Basic Rate	7600.00							
	Area Weightage @ 8%	608.00							
	Total	8208.00							
7	KSRB-4-1.3 Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed concrete laid in layers not exceeding 15cms. thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2. No. 12/ Item No. 4.3/ PWD SR 2012-13	Cum							
	for RCC drain		1	80.00	0.50	0.15	10.80		
							10.80	3884.76	41955.00
	Basic Rate	3597.00							
	Area Weightage @ 8%	287.76							
	Total	3884.76							

S No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4 2 2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplasteserre @ 3lle conforming to IS9103-1999Reinforced machine mixed exceeding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wallsfany thicknesss including attached pilasters columns piers abutments, pillars posts, struts buttresses string or facing courses parapets coping bed blocks anchor blocks plain window cills fillets etc including cost of all materials, labour HOM of machinery, curing, complete as per specifications Specification No KBS 4 1.4 6, No KBS 4 1.4 6, No 13/ Item No 4 11/ PWD SR 2012-13	Cum							
	bed for RCC drain		1	80 00	0.90	0.15	10.80		
	side walls		2	80 00	0 15	0 90	21 60		
							32.40	5239.08	169746.00
	Basic Rate	4851 00							
	Area Weightage @ 8%	388 08							
	Total	5239.08							
9	KSRB 4 9 2 providing T M T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications Specification No KDS 4.6 3 Page No. 19/ Item No. 4 46/ PWD SR 2012-13	Quintal		32.40					
	for RCC drain 70Kg/cum		0 700	32.40			22 68		
							22.68	7323.48	166097.00
	Basic Rate	6781 00							
	Area Weightage @ 8%	542 48							
	Total	7323.48							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4-6.4 Providing and removing centering shuttering, strutting propping etc., and removal of form work for vertical surface such as walls at any thickness, attached plasters,billresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 177 Item No 4.31/ PWD SR 2012-13	sqm							
	for RCC drain	1x4	4	80.00	0.90		288.00		
							288.00	244.08	70296.00
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	244.08							
11	RCC Precast covering slab for drain (10cm thick)	sqm							
	missing qty		1	35.00	0.90		31.50		
							31.50	1245.00	39218.00
	Rate Approved by BBMP	1245.00							
12	Miscellaneous charges								1250.25
								Total	1000000.00
	(Rupees Ten Lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C S R of 2012-13
3 The provisions were made in this estimate are necessary and accquale
4 This works come under B B M P limits

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

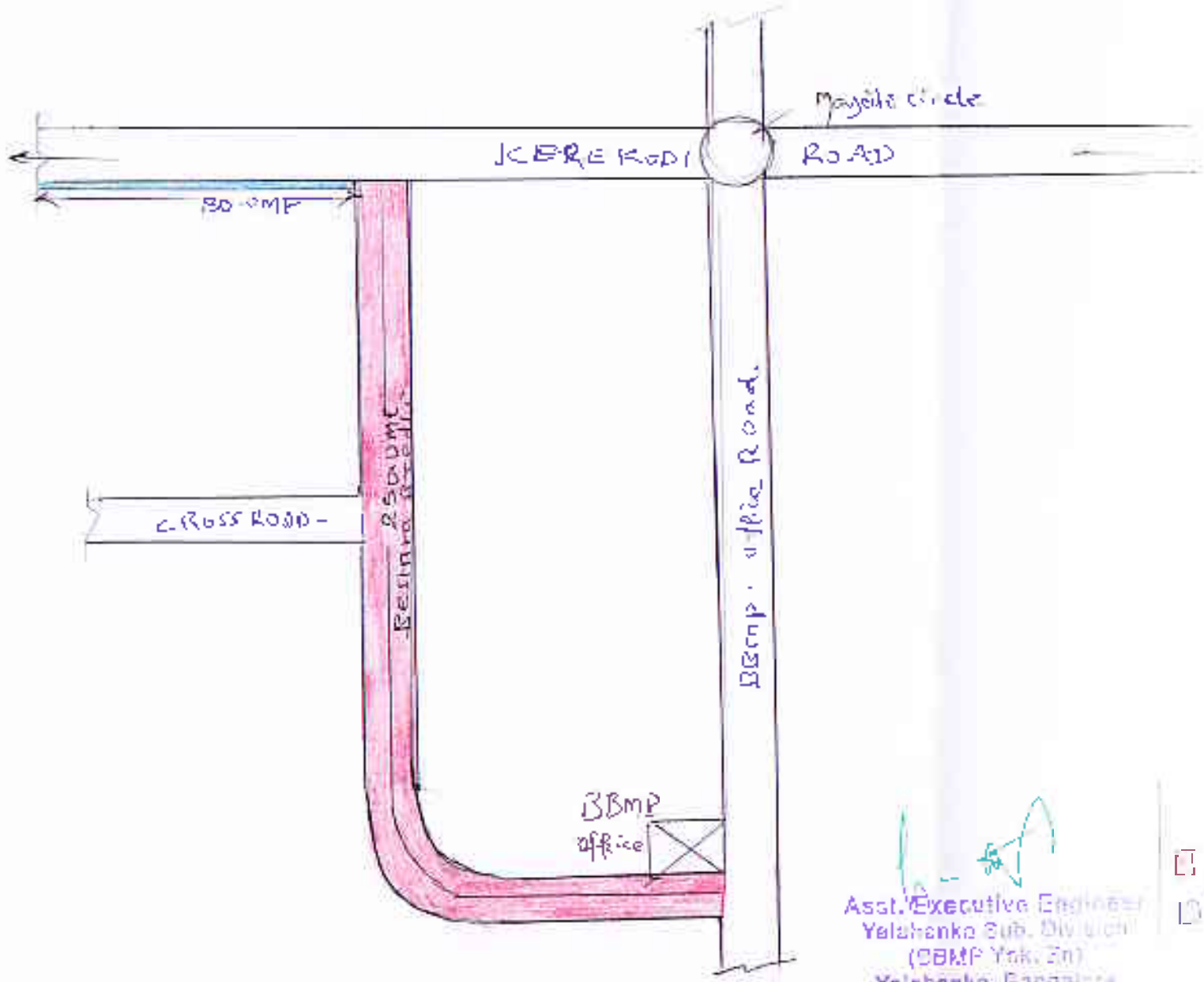
Executive Engineer
Yelahanka Division
Bangalore-64

ADMINISTRATIVELY SANCTIONED FOR Rs. 10 Lakh
Rupees Ten Lakh only
Under P.O.W 2012-13
Registered as
Subject :
enclosed in
Dt 28/12/12
vide A/Sanctioned
dated 10-00 Lakh

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92
28/12/12

TECHNICALLY SANCTIONED FOR Rs 10 Lakh
Rupees Ten Lakh only
Under P.O.W 2012 - 13
EE/YNK/TS/92/12-13
Dated 04-01-2013
10.00 Lakh
Executive Engineer

NAME OF WORK :- Providing Asphalting to Basthara Kheedki Ward No-02 of Yelahanka Sub-division



Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yak. Zn)
Yelahanka, Bangalore